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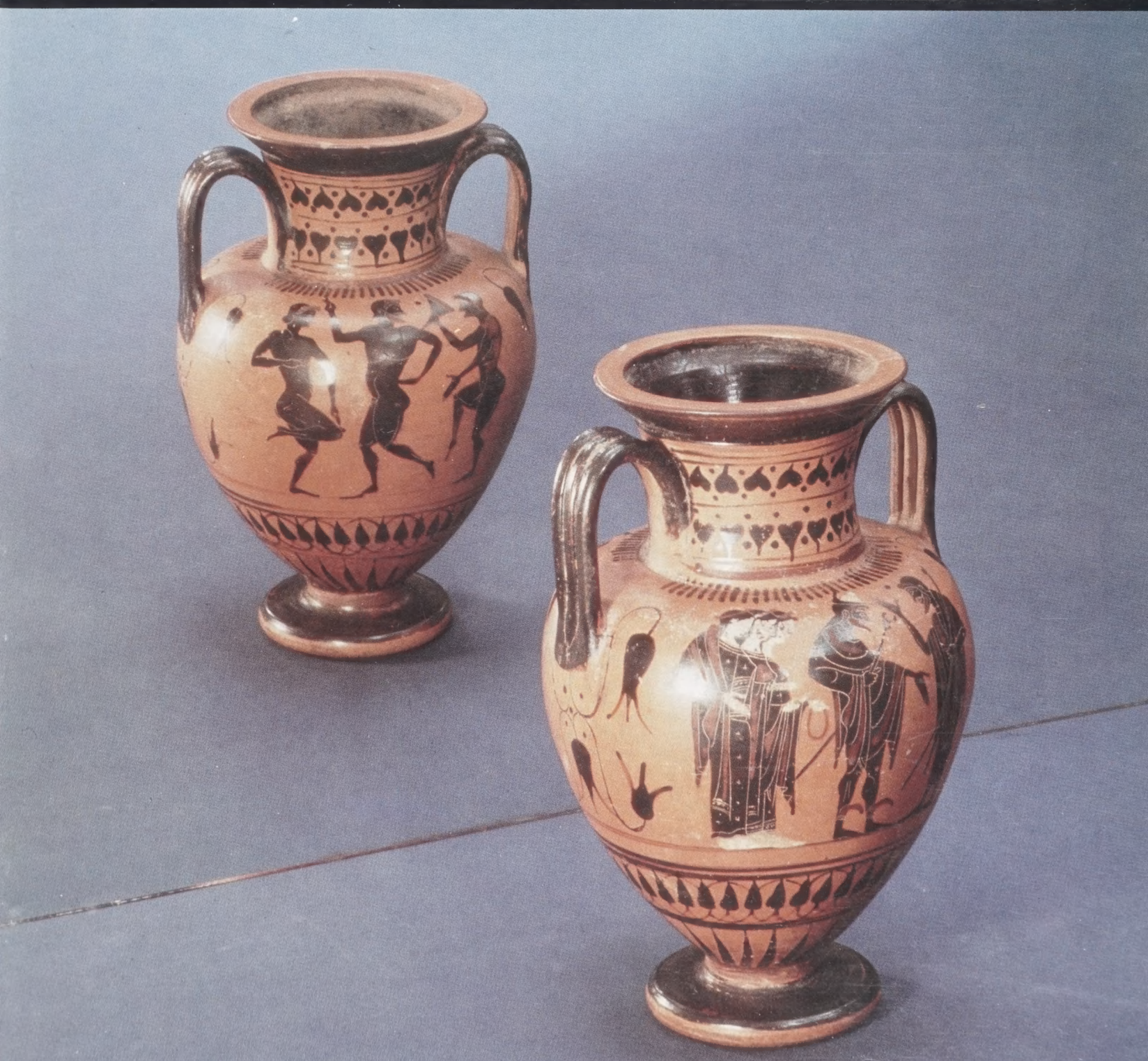
Journal of Numismatic ..... Fine Arts



Volume 4 October 1975 Number 2

A HOARD OF PERSIAN SIGLOI

This was the basic coin of the Achaemenid Empire from the reign of Darius I until the conquests of Alexander. Sigloi were struck by the thousands to pay the troops, including those of Darius and Xerxes in the Persian Wars. Although sigloi are found with many small variations in the type, they have thus far defied the attempts of numismatists to attribute these variations to different monarchs of the Achaemenid line.

Average specimens (F-VG) 40.00

A HOARD OF ARCHAIC DRACHMS OF PARIUM

These early, archaic drachms from the city of Parium in Mysia were struck c. 500-400 B.C. The obverse is a crude gorgoneion and the reverse a square incuse of cruciform pattern. All have little wear but are poorly struck . . 60.00

A HOARD OF CAPPADOCIAN DRACHMS

The Persian satraps of Cappadocia apparently issued no coinage in their own names. The coinage of Cappadocia therefore begins with Ariarathes I († 322 B.C.) who under cover of the turmoil caused by Alexander overthrew the Macedonian's satrap Sabictas and seized the throne for himself. He was captured and crucified with his family in 322 by Perdiccas and Eumenes, but one of his sons escaped to Armenia, whence he eventually returned to recapture the throne and establish a secure dynasty. The drachms offered here belong to Araiarathes VI Epiphanes Philopator (130-116 B.C.), the youngest son of Ariarathes V who came to the throne only because his mother Nysa murdered his five older brothers in order to prolong her regency; Ariarathes IX Eusebes Philopator (101-87 B.C.), a son of Mithradates VI of Pontus placed on the throne by his father at the age of eight and therefore not a member of the Ariarathid dynasty; and Ariobarzanes I Philoromaios (96-63 B.C.), founder of a new dynasty who came to the throne in the following interesting manner. Supported by Nicomedes III, he contested the rule of Ariarathes IX. The Roman Senate was asked to arbitrate and proclaimed Cappadocia a republic. The Cappadocian people, however, requested a king, and the Senate decided in favor of the incompetent Ariobarzanes. He was repeatedly expelled by foreign kings and then systematically restored by the generals of Rome, until he abdicated in favor of his son in 63 B.C. in the presence of Pompey the Great.

These Cappadocian drachms are of interest for the high quality of their portraiture. The reverse type is Athena standing left. All grade VF or better.

Ariarathes VI. 50.00
Ariarathes IX. 35.00
Ariobarzanes I. 40.00

JOURNAL
OF NUMISMATIC
FINE ARTS

Vol. 4 October 1975 Number 2

EDITORIAL

For the first time the Journal of Numismatic Fine Arts has departed from its policy of publishing articles by the readership in order to bring you a reprint which addresses itself, in a modest way, to a question we hear so often: *What was this coin worth in ancient times?* We hope this article will stimulate some interested reader to pursue further this fascinating study—and to submit the results of his research to be shared with others in this journal. We also hope to be receiving from readers articles on other aspects of ancient numismatics.

The coin offerings in this issue are highlighted by some attractive gold coins at prices that should appeal to collectors who remember the "good old days." The Greek coins include a rarely-offered tetradrachm of Naxos as well as some excellent gold issues of Syracuse and Macedon. For the Athenian specialist there is a group of Athenian fractional coins, whose purchasing power is discussed in detail in the Jevons article. Finally there is an outstanding run of Byzantine silver and bronze coins of exceptional quality, including the pick of an important collection of several thousand Byzantine coins.

The next issue of Journal of Numismatic Fine Arts will include a mail bid sale—a first for the journal. Our next major auction is planned for March 1976. There is still time for readers to submit *fine quality* coins for inclusion in that sale.

Joel L. Malter
President

SOME ANCIENT GREEK PAY-BILLS
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BYZANTINE SILVER AND BRONZE. . . .52

Pictured on the cover is an Attic neck amphora of the Light-make Class, c. 500 B.C. Side A shows the Judgment of Paris: Hermes, wearing petasus and himation and carrying a caduceus, leads Aphrodite, Athena and Hera, without attributes, to Paris, who holds a staff. White paint has been used for the skin of the goddesses and the top of Hermes' hat; red has been added to all of the garments, headbands and hair or beards of the figures. Side B shows three komasts *or Corinthian dancers, the left one holding a rhyton. Red paint has been used for the hair and beards and the rim of the rhyton. A dipinto* SO *is glazed on the bottom. Height: 28.7 cm. Width: 19.0 cm. Intact and in an excellent state of preservation. $7500.00*

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SOME ANCIENT GREEK PAY-BILLS

by F. B. Jevons

(Reprinted from *The Economic Journal,* Volume 6, 1896, pp. 470ff.)

One of the questions we are most frequently asked by new collectors is, "How much was this coin worth in ancient times? What could a person buy with it?" More often than not the question is unanswerable, because the value of any denomination varied from time to time and from place to place, and accurate figures concerning prices and wages have come down to us only in very scattered fashion. In the interest of providing a limited answer to this type of query, however, we are reprinting the following article.

Amongst the many ancient Greek inscriptions which have been discovered of late there are some[1] which should be of interest to the readers of the *Economic Journal.* They are the accounts for the building, etc. of the Erechtheum (B.C. 408) and of a temple at Eleusis (B.C. 328). They are the actual accounts engraved on stone by the order and under the eye of the Commissioners of the works. They are first-hand authorities for the price of material, the rate of wages and the cost of living, for the year—indeed for the month—in which the payments were made and recorded in these very inscriptions.

Of the coinage of the time so many specimens have survived that the silver or gold content of each kind can be fixed to a decimal point; and we have the evidence of the coins themselves to show that no deterioration or debasement took place in the period with which we have to deal, either in quality or quantity. The coins which are most frequently mentioned are the drachma and the obol. The drachma contained six obols. The silver content of the drachma was 67.5 grains, of the obol 11.25.

The Commissioners had to account for every penny they spent; and the nature of their accounts may be illustrated by a few extracts, taken from the later accounts (B.C. 328):

To five men for cutting 304 'field' stones, at 1 drachma per stone, 304 dr.

To four men for leading same to temple, at 1½ dr. per stone, 456 dr.

To a contractor for setting same, at 1 dr. per stone, 304 dr.

To a contractor for making 14,000 1½ ft. bricks, out of material supplied by Commissioners, at 36 dr. per thousand, 504 dr.

To five men for leading same, at 25 dr. per thousand.

To 12 beams bought from Phormio, at 17 dr. the beam, 204 dr.

To 103 rafters from Agathon, at 1 dr. 4 ob. the rafter, 165 dr.

Wages of Dionysios for making the doors, 65 dr.

To Agathon for glue for the doors, 4 dr.; and for nails for the doors, at 1 ob. the nail, 190 dr.

To 120 sacks of chaff, for building the wall, at 1½ dr. the sack, 180 dr.

To the contractor Arimnestus, supplying his own timber, for making the steps, 70 dr.

To a talent of lead and wages for melting it, 2 dr. 4 ob.

For two pots of pitch from Pamphilus the stall-keeper, 7 dr.

For 6 medimni [9 bushels] of lime, at 10 ob. the medimnus, 10 dr.

The rate of wages paid at this time (B.C. 328) for unskilled labor was 1½ dr. (i.e. 9 obols), as appears from the following extracts:

To 6 hired laborers, finding their own food, for carrying bricks, moistening clay and carrying planks, at 1½ dr. per diem, for 25 days, 225 dr.

To 10 hired laborers working in the temple for 40 days, at 1½ dr. per diem and finding their own food, 600 dr.

To 30 laborers at 1½ dr. per diem, finding their own food, for four days, 180 dr., for removing bricks and earth from the fallen tower.

To 10 laborers, finding their own food, for 13 days, at 1½ dr. per diem, for breaking up clods, 195 dr.

For skilled labor, at the same date, the rate of wages was somewhat higher, from 2 dr. to 2½ dr. (i.e. from 12 to 15 obols):

To 3 tilers for tiling roof of passage, at 2 dr. per diem per man and find their own food, for 2 days, 12 dr.

To 4 men, at 2 dr. each per diem, and find their own food, for 2 days, for finishing antae, 16 dr.

For brick-building, to 3 men, at 2½ dr. per diem and find their own food, 187½ dr.

It is however the day-wages of unskilled labor (viz. 9 obols) that I wish to call especial attention to. Sawyers were paid as unskilled laborers:

> To a pair of sawyers, at 3 dr. the day for the pair, and find their own food, for 35 days, for sawing timber, 105 dr.

And, as appears from the first extract given in this paper, cutting 'field' stones (whatever they were), though paid by the piece, yielded about the same average remuneration as the unskilled laborer got, for 5 men divided 304 dr. among them, and so each got 61 dr. for 36 days' work. This comes to about 10 obs. per diem, and unskilled labor got 9 obs. per diem. Carters, as appears from the second extract, though paid by the piece, got about twice as much for the labor of themselves and their beasts as the unskilled laborer got for his work.

The question now arises—What was the financial position and economic condition of a man who, in B.C. 328, got 9 obols a day? In the first place, we have a definite statement by Demosthenes[2] that it was possible though not easy to live on an income of 9 obols a day. We may therefore regard it as certain that it was not necessary for the laborer to supplement his day-wages from any other source than his ordinary work. We can, however, go into closer detail. This very inscription fortunately gives us the price of boots, hats and clothes. A pair of boots cost 6 dr., that is to say four days' wages; a hat cost less than 2 obols, i.e. less than a quarter of a day's wages; a suit of clothes, consisting of a leather jerkin and an outer woollen wrap or himation, cost, the former 4½ dr., the latter 18½ dr., total 23 dr., i.e. about 16 days' wages. If we compare these rates with those of the present day [*i.e. England in 1896—Ed.*], we shall see that these items were not dear. If we assume that at the present time the unskilled laborer gets 3*s.* a day, then the relative cost of boots is 12*s.*, of a hat about 6*d.*, of a suit of clothes about 48*s.* As a rule, however, the rough, home-spun wrap would be made by the wife and so would cost less than the ready-made article. [*The present federal minimum wage is $2.00 per hour, yielding $16 a day. A typical workman's outfit can be had for roughly $50, allowing $12 for trousers, $8 for a shirt, $20 for heavy work shoes and $10 for assorted undergarments; thus today's lowest paid laborer must work just a little over three days to outfit himself for work, and about the same time to purchase a cheap ready-made suit.—Ed.*]

Nor could rent have been a serious item. Lodging-houses were common; two-roomed houses were to be had. The cost of building was small; the houses were flimsy and shabby, and one could be bought (as inscriptions show) outright for less than 450 drachmae—the sum an unskilled laborer could earn in a year if he worked 300 days in the year. If house property brought in 10 per cent. (and it was not expected in Athens to bring in so much), the rent of such a house would be 45 dr., i.e. 30 days' wages. And if once more we take modern day-wages to be 3*s.*, this would be equivalent to a rent of 4 pounds 10*s.* per annum—not an excessive amount even for a man earning only 3*s.* a day. [*In contrast, twentieth century American economic theory maintains that a family should spend a quarter of its income, i.e. three months' wages, on housing.—Ed.*]

There remains the important item of food in the laborer's budget. Fortunately the inscriptions we are considering (those of B.C. 328) again help us: it appears from them that the State calculated the cost of one adult male's daily rations at 3 obols—this is stated expressly several times. Now 3 obols are one-third of the laborer's day-wages; and if we assume that the average family consists of two parents and two children, and that the two children eat as much as one adult, it looks at first as though the whole of the laborer's 9 obols would go in food. But in the first place, just as servants on board-wages nowadays contrive to save something out of their board-wages, so we may be sure the Athenian laborer, who got 3 obols instead of a day's food, contrived to economize in his food. Again, a woman does not eat so much as a man; and four persons living together can be provided for at a cheaper rate than four persons living separately. It is clear therefore that it was out of the savings thus effected that the laborer contrived to buy his cheap clothes (so far as they were not spun and woven at home) and pay his very mederate rent.

We can, however, go further than this and estimate with precision the cost to the laborer

of his most important article of food, viz. bread, and show that its cost was not out of proportion to his income. The ancients, owing to the fact that they had large numbers of slaves, were interested in knowing what was the average amount of bread which would keep a man in a condition to do his work; and their universal experience was that the requisite amount of wheat was 1/48 of a medimnus daily (the medimnus = 11.556 imperial gallons, i.e. about 1½ bushels). Let us allow the same amount for his wife, and the same amount again for his two children, and the whole family will consume 3/48 of a medimnus daily. One medimnus therefore will last 16 days; and in a year of 360 days the family will consume 22½ medimni. Now Boeckh has fixed the standard price of wheat for the period we are dealing with at 5 dr. the medimnus;[3] and our inscription—discovered since Boeckh's death—expressly states that in this year (B.C. 328) some wheat was sold at 6 dr., some at 5 dr. At the latter price, the family's annual consumption of wheat would cost 112½ dr. Now this is just one quarter of the wages—450 dr.—which the unskilled laborer would earn in a year, working 300 days in the year at 1½ dr. a day.

An instructive parallel to the Athenian laborer of B.C. 328 is afforded by the English laborer of the fifteenth century A.D. Thorold Rogers calculated that 4 quarters of wheat would provide bread enough for the annual consumption of an average family.[4] Now, the 22½ medimni which the Greek family consumed, according to my calculations, contain 259 imperial gallons; and the four quarters which the Englsih laborer's family consumed contained 256 imperial gallons. The two calculations therefore confirm each other as to the amount required.

Again, according to Thorold Rogers,[5] the average day-wages of the unskilled laborer of the fifteenth century were 4*d.* a day, i.e. 5 pounds a year, for a year of 300 working days. And the average price of wheat was 5*s.* 11¾*d.* a quarter in that century;[6] so that the cost of wheat for the laborer's family for the year was 1 pound 3*s.* 6*d.* So, whereas the Greek laborer spent fully a quarter of his income on bread, the English laborer spent a fraction (1*s.* 6*d.*) less. But the coincidence is near enough to show that in having to spend that proportion the Greek was not worse off than his fellow-laborer in England. Indeed as the Greek eats and ate so much less meat than an Englishman, the remaining three-fourths of his income, when he had paid for his bread, would be subject to a correspondingly smaller charge for meat. Again, though the English laborer,[7] like the Greek, got his clothes made at home, when he bought boots he had to pay relatively more for them: he paid 2*s.* a pair,[8] *i.e.* 6 days' wages, while the Greek, as we have seen, could get a pair for 4 days' wages. Finally, in this connection it may be of interest to point out that the silver penny of Edward I contained 22½ grains, and by 1464 had deteriorated so much as to contain only half that amount; whereas the Greek obol was steady at 11½ grains. Taking the silver penny at its full value, the English laborer, getting 5 pounds a year, maintained a family on 27,000 grains of silver annually; the Athenian laborer, getting 450 a year, did so on 31,050 grains of silver annually.

Thus far we have been dealing with the year B.C. 328, and have, it is hoped, obtained a fairly consistent picture of the financial position and economic condition of the Athenian laborer. His rent was moderate; his clothes and boots cost rather less than those of the fifteenth century English laborer; he had indeed to pay 115 grains of silver (=10 obols) for half a bushel of wheat, whereas the Englishman only had to pay 101 grains (=4½*d.*); but then he earned 103½ grains (=9½ obols) per diem, whereas the Englishman only received (even if he got a full penny) 90 grains (=4*d.*). We may note that the Athenians had a silver mine of their own, at Laureion, which had been turning out silver steadily for about a couple of centuries by this time.

We must now turn to the earlier inscriptions. They contain the accounts for the building of the Erechtheum, and belong to a date (B.C. 408) eighty years earlier than the accounts we have been examining thus far. I am afraid I have not left myself space to go into details; I must therefore content myself with saying that the day-wages of unskilled labor are (not 9 obols but) 6 obols; and that piece-work oscillates about the same fixed point, viz. 6 obols. Two German theories have been advanced to account for the difference, and elsewhere[9] I have submitted reasons for rejecting both. Here I need only point out that both neglect to inquire what was the price of corn at the time. Now Boeckh had

shown[10] that the standard price of wheat was then 3 drachmae the medimnus. Thus in the eighty years in question wheat went up from 3 to 5 drachmae, wages from 6 to 9 obols. I conjecture therefore that the other necessaries of life went up in price in much the same proportion as wheat, and that real wages remained unaltered, though money wages went up 6 : 9. Unfortunately, we have not the same information as to prices for the earlier period as we have for the later; and therefore no direct proof can be given that the rise in prices which took place in the case of wheat (and barley) also took place in other articles of food. But indirectly it can be made probable.

As we have already seen, the State, when it provided food for its laborers, in B.C. 328, with wheat at 5 drachmae, estimated the cost of a day's food at 3 obols, *i.e.* at one-third of a day's wages (9 obols). We should expect therefore that when and where wheat was 3 drachmae and wages 6 obols, as was the case in the earlier period of B.C. 408, the State would estimate the cost of a day's food (which of course included a good deal besides bread) at one-third of a day's wages, viz. at 2 obols, which would be in proportion to the cheaper price of wheat and other articles of food. Now we do not know whether in Athens, when wheat was at 3 dr., a day's food was estimated at 2 obols, but we do know that in Delos, at the beginning of the second century B.C., that was the case. We fortunately have an inscription[11] in which the price of wheat is mentioned as being 3 dr., and the allowance for a day's food is expressly stated to be 2 obols. There can be little doubt that in Delos day wages were the same (viz. 6 obols) as they were in Athens in B.C. 408, when wheat was the same price (3 dr.).

Thorold Rogers argued that, when the law interfered to regulate the rate of wages, wages could not keep up with a rise in prices—hence the steady deterioration in the real wages of the English laborer. The case of ancient and democratic Greece, where the law never interfered in such matters, would seem to prove the converse proposition, viz. that, in the absence of interference, money wages rise and fall with prices, and real wages remain stationary. At any rate, if the arguments advanced in this paper are sound, real wages in Athens and Delos did not vary, though money wages did, from the end of the fifth to the beginning of the second century B.C.

1 *Corpus Inscriptionum Atticarum*, i. 324 and 834.
2 Dem. 1045 22.
3 *Staatshaushaltung der Athener*,[3] p. 118.
4 *Six Centuries of Work and Wages*, p. 176.
5 *Ib.* p. 327.
6 *Ib.* p. 330.
7 *Six Centuries of Work and Wages*, p. 176.
8 *Ib.*
9 *Journal of Hellenic Studies*, Vol. XV. part ii. pp. 239-247, 'Work and Wages in Athens.'
10 *Loc. cit.*
11 *Bull. de Corr. Hellen.* vi. p. 23.

To the left (bottom row) are pictured the very coins whose purchasing power is discussed above, along with other Athenian fractions ranging in date from c. 594 to c. 322 B.C. The denominations include a triobol, several obols and a few hemiobols. For individual descriptions of these coins, see the price list on p. 51.

COINS AND ARTIFACTS

A PRICE LIST OF ARTICLES FOR SALE

TERMS

All of the coins and artifacts for sale in this catalogue are guaranteed to be genuine and as described. The grading of all items is very conservative. Coins are sent on a five day approval basis. Orders with accompanying payments (and alternate selections) are preferred, and postal charges will not be affixed to all such orders over $10.00. (Orders for less than this amount, please add $ .50 for postage and handling.) California residents, please add the appropriate sales tax.

As most coins are one of a kind, a list of alternate choices is recommended. Please note that the illustrations are not necessarily according to scale. See text description for sizes.

ROMAN GOLD AT MODERATE PRICES

Julius Caesar, † 44 B.C.

G1. Aureus (8.22 g.) of 46 B.C. Moneyer: A. Hirtius. C·CAESAR COS·TER, veiled head of Pietas r./A HIRTIVS P R, priestly attributes. Sydenham 1018; Cohen 2. About VF 1,900.00

Augustus, 27 B.C.-14 A.D.

G2. Aureus (7.66 g.) of 11-9 B.C. Lugdunum mint. AVGVSTVS DIVI F, laureate head, r./bull butting r., IMP·XII in ex. RIC 338. F, obverse very slightly off center 1,400.00

Nero, 54-68 A.D.

G3. Aureus (7.66 g.) of 59 A.D. IMP NERO CAESAR AVG, bare head r./PONTIF MAX TR P VI COS IIII P P, EX S C in wreath. RIC 24. VF, young portrait with attractive red toning 1,800.00

Septimius Severus, 193-211 A.D.

G4. Aureus (6.95 g.) of 198-200 A.D. Rome mint. L SEPT SEV AVG IMP XI PART MAX, laureate and cuirassed bust r./VICTORIAE AVGG FEL, Victory l. holding garland, globe at feet. RIC 144a. VF, tiny nicks 2,000.00

Caracalla, 198-217 A.D.

G5. Aureus (6.87 g.) of 210-213 A.D. Rome mint. ANTONINVS PIVS AVG BRIT, laureate bust r./SECVRITATI PERPETVAE, Securitas std. r. holding scepter. RIC 229a. Good VF, slightly bent 2,000.00

Constans, 337-350 A.D.

G6. Solidus (4.33 g.). Thessalonica. CONSTANS AVGVSTVS, diademed, draped and cuirassed bust r./VICTORIAE DD NN AVGG, two Victories holding shield inscribed VOT X MVLT XX, in ex. TES. Cohen 171. EF with lovely toning, flan slightly creased 1,100.00

Constantius II, 337-361 A.D.

G7. Solidus (4.27 g.). Antioch mint. FL IVL CONSTANTIVS PERP AVG, pearl-diademed, draped and cuirassed bust r./GLORIA REI PVBLICAE, Roma and Constantinopolis std. holding shield inscribed VOT XX MVLT XXX, in ex. SMANH. Cohen 108. About EF, pit in cheek 1,000.00

Valens, Emperor of the East, 364-378 A.D.

G8. Solidus (4.3 g.) of 364-7 A.D. Antioch. D N VALENS P F AVG, pearl-diademed, draped and cuirassed bust r./RESTITVTOR REI PVBLICAE, emperor stg. facing, head r., holding labarum and small Victory who crowns him, in ex. ANTΘ. RIC 2c; Cohen 32. EF/VF 750.00

Honorius, Emperor of the West, 393-423 A.D.

G9. Solidus (4.53 g.). Mediolanum. D N HONORIVS P F AVG, pearl-diademed, draped and cuirassed bust r./VICTORIA AVGGG, emperor stg. r. holding labarum and small Victory who crowns him, foot on fallen enemy, in field M D, in ex. COMOB. RIC 35c. VF+ 600.00

G10. Tremissis (1.42 g.). Ravenna mint. D N HONORI–VS P F AVG, pearl-diademed, draped and cuirassed bust r./VICTORIA AVGVSTORVM, advancing Victory r. holding wreath and globus cruciger, in ex. COM. Cohen 47. EF, weak obverse strike 500.00

Arcadius, Emperor of the East, 395-408 A.D.

G11. Solidus (4.27 g.). Mediolanum mint. D N ARCADIVS P F AVG, helmeted and cuirassed bust facing holding spear behind head and shield ornamented with galloping horseman/CONCORDIA AVGGE, Constantinopolis std. facing, head r., holding spear and globus nicephorus, in ex. CONOB. Goodacre 19. EF 1,000.00

G1 G2 G3 G4 G5 G6

G7 G8 G9 G10 G11 G12

G14 G20

G13 G15 G16 G17 G18 G19

Theodosius, Emperor of the East, 408-450 A.D.

G12. Solidus (4.47 g.). D N THEODOSIVS P F AVG, helmeted and cuirassed bust facing holding spear behind head and shield ornamented with galloping horseman/VOT XXX MVLT XXXXI, Constantinopolis std. l. holding cross-sceptre and globus cruciger, star in r. field, in ex. CONOB. Ratto 177. EF, obverse graffiti near legend 850.00

Marcian, Emperor of the East, 450-457 A.D.

G13. Solidus (4.34 g.). D N MARCIANVS P F AVG, helmeted and cuirassed bust facing holding spear behind head and shield ornamented with galloping horseman/VICTORIA AVGGGΘ, Victory stg. l. holding long cross, star in r. field, in ex. CONOB. Ratto 219. EF, flan slightly creased 1,250.00

Majorian, Emperor of the East, 457-461 A.D.

G14. Tremissis (1.37 g.). D N IVL MAIORIANVS P F AVG, pearl-diademed, draped and cuirassed bust r./Cross in wreath, in ex. CONOB. Cohen 15. Rare. About EF, slightly creased 1500.00

Leo I, Emperor of the East, 457-474 A.D.

G15. Solidus (4.28 g.). D N LEO PERPET AVG, helmeted and cuirassed bust facing holding spear behind head and shield ornamented with galloping horseman/VICTORIA AVGGGZ, Victory stg. l. holding long cross, star in r. field, in ex. CONOB. Ratto 246. EF 850.00

Anthemius, Emperor of the West, 467-472 A.D.

G16. Tremissis (1.41 g.). D N ANTHEMIVS P F AVG, pearl-diademed, draped and cuirassed bust r./Cross in wreath, in ex. COMOB. Cohen 21. VF+. Rare 1250.00

Zeno, Emperor of the East, 474-491 A.D.

G17. Solidus (4.37 g.). D N ZENO PERP AVG, helmeted and cuirassed bust facing holding spear behind head and shield ornamented with galloping horseman/VICTORIA AVGGGI, Victory stg. l. holding long cross, star in r. field, in ex. CONOB. Ratto 284. EF 700.00

G18. Tremissis (1.38 g.). D N ZENO PERP AVG, pearl-diademed, draped and cuirassed bust r./VICTORIRIA AGVSTORVM (sic), Victory stg. l. holding wreath and globus cruciger, star in r. field, in ex. CONOB. Goodacre 8. Nearly EF 250.00

Basiliscus, Emperor of the East, 476-477 A.D.

G19. Solidus (4.58 g.). D N BASILISCVS P P AVG, helmeted and cuirassed bust facing holding spear behind head and shield ornamented with galloping horseman/VICTORIA AVGGG, Victory stg. l. holding long cross, star in r. field, in ex. CONOB. Ratto 302. F+. Rare 450.00

LOMBARDS

Perctarit, 672-688 A.D.

G20. Tremissis (1.32 g.). Diademed bust r., B before face/Cross potent, blundered legend. NC 1972 358. FDC. Rare 1,250.00

GREEK COINS

HISPANIA

H1. **Osca**, 204-133 B.C., AR denarius (3.83 g.). ⋊ᛗ, bearded male head r./⋊ᚢᛖᛅᚱᛗ horseman with lance charging r. Forrer 99. EF 250.00

BRITANNIA

H2. **Catavellauni**, 40-20 B.C., el. ¼ stater (1.79 g.) of Whaddon Chase type. Extremely degenerate laureate head/Free horse galloping r., pellet above and below. Extremely rare: one of four known. Nearly EF 1750.00

ETRURIA

H3. **Populonia**, fourth to third century B.C., AR 10 units (3.85 g.). Laureate head of Apollo l., X behind/Blank. SNG Lockett 45. VF 225.00

CAMPANIA

H4. **Hyria**, 400-335 B.C., AR didrachm (7.16 g.). Head of Athena l., wearing crested Athenian helmet ornamented with laurel wreath and owl/YPINAI, man-headed bull walking l. BMC 8. Rare. F 850.00

CALABRIA

H5. **Tarentum**, c. 443-400 B.C., AR stater (7.73 g.). Nude Phalanthos astride dolphin to l., holding scales in extended r. hand and cuttlefish behind him in l., scallop shell below/Taras, nude to waist, seated l. on throne, holding distaff in extended r. hand and lekythos in l. Vlasto 255 (same dies). Rare. About VF and better than Vlasto specimen 500.00

H1

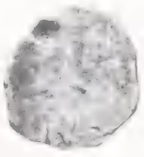
H2
EI

H3

H4

H5

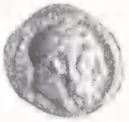
H6



H7

H8

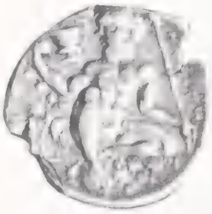
H9



H10
Æ

H11

H12
AV



H13

H14
Æ

H15

H16

H17

H18
AV

H6. ——, c. 235-228 B.C., AR stater (7.06 g.). Nude ephebus riding r., crowning horse, behind, AE monogram, in front, beneath horse magistrate's name ΦΙΛΟΚΛΗΣ in two lines and dolphin/ΤΑΡΑΣ, Taras astride dolphin to l., holding rhyton in extended r. hand and trident in l., two amphorae behind. Vlasto 950. Superb, some flatness to strike and small obv. die break 900.00

H7. ——, AR stater (6.48 g.). Horseman in military attire galloping r., head turned facing, r. arm extended behind him to receive small Nike who crowns him, EK monogram behind, beneath horse ΚΑΛΛΙΚΡΑΤΗΣ in two lines/ΤΑΡΑΣ, Taras astride dolphin to l., holding small wreath-bearing Nike in extended r. hand and trident in l., behind NE monogram. Vlasto 963. Superb 900.00

LUCANIA

H8. **Metapontum**, 330-300 B.C., AR stater (7.80 g.). Head of Demeter r., crowned with grain/META, ear of barley with one leaf on which a plow, beneath, in small letters, MAN. BMC 96. VF but obv. slightly off center and flat rev. strike 225.00

BRUTTIUM

H9. **Croton**, fourth century B.C., AR stater (7.69 g.). Eagle with spread wings stg. l. on laurel branch/KPO, tripod, in r.. field stork stg. l. on Δ. BMC 78. Pozzi 298. F 375.00

SICILY

H10. **Centuripae**, c. 241 B.C., AE 15 mm. (2.00 g.). Bearded head of Herakles r./KENTOPIΠIN ΩN in two lines above and below club, XP monogram below. SNG Copenhagen 233. BMC 17. Ex Virzi Collection (325). About VF, dark olive patina 100.00

H11. **Naxos**, 430-420 B.C., fourree tetradrachm. Head of Dionysus r., wearing diadem adorned with ivy/NAΞION (retrograde and with initial N reversed), nude silenus seated facing on grape clusters, head turned l., drinking from cantharus in r. hand, in l. field grape vine. Cf. Cahn 99 and 100 (different dies). Rare. About VF, chipped flan 9500.00

H12. **Syracuse**, c. 380-367 B.C., AV 100 litrae (5.80 g.). [ΣΥΡΑΚΟΣΙΩΝ], head of Arethusa l. wearing triple drop earring and necklace, hair in sphendone ornamented with stars, an eight-pointed star behind/Nude Herakles kneeling r. wrestling Nemean lion. De Ciccio 37. EF, rev. off center, several die breaks 5500.00

H13. ——, 317-306 B.C., AR stater (8.53 g.). Head of Athena r. wearing crested Corinthian helmet ornamented with griffin/ΣΥΡΑΚ[ΟΣΙΩ]Ν, Pegasus flying l., triskeles below. BMC 7. Pozzi 1733. EF 1000.00

H14. ——, *Hicetas*, 288-279 B.C., AE 22 mm. (10.89 g.). ΔΙΟΣ ΕΛΕΥΘΕΡΙΟΣ, laureate head of beardless Zeus Eleutherios l., thunderbolt behind/ΣΥΡΑΚΟΣΙΩΝ, eagle stg. l. on thunderbolt. BMC 468. Sharp EF+ except for scrape at top of obv. head, beautiful brown patina 250.00

MACEDON

H15. **Lete**, c. 530-480 B.C., AR stater (9.63 g.). Nude ithyphallic satyr accosting nymph/Quadripartite incuse. Gaebler 14, pl. xiv, 29. About EF but obv. die break 1500.00

KINGS OF MACEDON

H16. **Archelaus I**, 413-399 B.C., AR didrachm (10.54 g.). Diademed and beardless male head r./ΑΡΧΕΛΑΟ, horse stg. r. in shallow incuse square with linear square border. BMC 3. VF+, double struck, beautiful style 350.00

H17. **Philip II**, 359-336 B.C., AR posthumous tetradrachm (14.34 g.). Amphipolis mint. Laureate head of Zeus r./ΦΙΛΙΠΠΟΥ, nude horseman riding r. carrying palm, beneath horse a branch, Π beneath its raised foreleg. Muller 154. SNG Berry 119. Nearly EF, excellent style 1650.00

H18. **Alexander III**, 336-323 B.C., AV stater (8.69 g.). Lampsacus mint. Head of Athena r. wearing crested Corinthian helmet ornamented with griffin/ΑΛΕΞΑΝΔΡΟΥ, Nike stg. l. holding wreath and naval trophy, in l. field two-headed animal, monogram at her feet. SNG Berry 145. Nearly EF 2750.00

H19. ——, AR tetradrachm (17.18 g.). Head of Herakles r. in lion skin headdress/ΑΛΕΞ ΑΝΔΡΟΥ, Zeus std. l. holding eagle and sceptre, in l. field TE monogram. Muller 181. EF/VF, obv. double struck 325.00

H20. **Philip III**, 323-316 B.C., AV stater (8.51 g.). Head of Athena r. wearing crested Corinthian helmet ornamented with coiled serpent/ΒΑΣΙΛΕΩΣ ΦΙΛΙΠΠΟΥ, Nike stg. l. holding wreath and naval trophy, in l. field M, at her feet ΛΥ. Cf. Muller 97. Nice VF+ 2500.00

H21. ——, AR tetradrachm (17.06 g.). Babylon mint. Head of Herakles r. wearing lion skin headdress/ΒΑΣΙΛΕΩΣ ΦΙΛΙΠΠΟΥ, Zeus std. l. holding eagle and sceptre, M in l. field, B under throne. SNG Copenhagen 1077. Muller 103. VF+ 500.00

H22. **Demetrius Poliorcetes**, 306-283 B.C., AR tetradrachm (16.98 g.). Diademed head of Demetrius r./ΒΑΣΙΛΕΩΣ ΔΗΜΗΤΡΙΟΥ, nude Poseidon stg. l. holding trident and resting foot on rock, monograms in l. and r. field. Cf. SNG Lockett 1523. VF+ 2000.00

MACEDON IN GENERE

H23. After c. 311 B.C., AE 17 mm. (4.33 g.). Gorgoneion in center of Macedonian shield/Crested helmet flanked by B–A above and double-bladed axe and K below. SNG Copenhagen 1129. EF, olive patina 200.00

H19

H20
AV

H21

H22

H23
AE

H24
AE

H25

H26

H27

H28

H29

H30

H31

H32

H33

H34

H35

H36
El

MACEDON A ROMAN PROVINCE

H24. c. 225-260 A.D., Æ 27 mm. (9.69 g.). Diademed head of Alexander l. with flowing hair/ΚΟΙΝΟΝ ΜΑΚΕΔΟΝ, Alexander on horseback galloping r. Cf. BMC 104. VF 85.00

THRACE

H25. **Abdera**, c. 400-350 B.C., AR drachm (2.40 g.) [ΑΒΔΗΡΙ]ΤΕΩΝ, griffin kneeling l./Laureate head of Apollo r. within linear square around which [...]Μ[...Ε]ΠΙΕΚΑΤΩΝ, all in shallow incuse square. Cf. BMC 73. VF 400.00

ISLANDS OF THRACE

H26. **Thasos**, 550-463 B.C., AR stater (9.43 g.). Nude ithyphallic satyr running r. carrying gesticulating nymph/Quadripartite incuse. BMC 3. EF 2000.00

MOESIA INFERIOR

H27. **Istrus**, c. 400 B.C., AR drachm (4.98 g.). Two youthful male heads facing, the right one inverted/ΙΣΤΡΙΗ, sea eagle on dolphin l., pellet below eagle's neck and Δ under his tail, in exergue ΧΡ monogram. BMC 1 sq. About EF 800.00

ATTICA

H28. **Athens**, after 449 B.C., AR tetradrachm (16.96 g.). Head of Athena r. wearing crested Athenian helmet ornamented with three olive leaves and palmette/ΑΘΕ, owl stg. r., olive sprig and crescent moon behind, all in shallow incuse square. Starr pl. xxii, 4. EF 650.00

AEGINA

H29. Late fourth to third century B.C., AR didrachm (11.96 g.). Land tortoise/Five-part incuse. SNG Lockett 1995. VF+ 1800.00

CORINTHIA

H30. **Corinth**, c. 350-338 B.C., AR diobol (0.75 g.). Pegasus with straight wing flying l., koppa below/Pegasus with curled wing prancing r., Δ–I below. Cf. BMC 323. EF, flat strike 200.00

COLONIES OF CORINTH

H31. **Anactorium**, 300-250 B.C., AR stater (8.24 g.). Pegasus flying l., ΑΝ monogram below/Head of Athena l. in Corinthian helmet, ΑΡΙ above, ΔΩ and lighted altar behind. BMC 69. VF 250.00

ELIS

H32. **Olympia**, 471-370 B.C., AR stater (12.18 g.). Head of Hera r. wearing stephane ornamented with three palmettes/F–A, thunderbolt within wreath. Seltman pl. x, EL-θα. Rare. F+ 650.00

CRETE

H33. **Gortyna**, 200-67 B.C., AR drachm (3.29 g.). Diademed and bearded head of Zeus (or Minos) r., Η below/ΓΟΡΤΥΝΙΩΝ, nude male figure std. l. on rock, holding bow and arrows, in l. field Α. Cf. BMC 51. VF+ 500.00

H34. ––, AR drachm (3.32 g.). Similar head to l./ΓΟΡΤΥΝΙ–ΩΝ, nude warrior stg. l. holding spear and shield. BMC 56. EF, obv. slightly off center 450.00

BITHYNIA

H35. **Calchedon**, fourth century B.C., AR drachm (3.75 g.). ΚΑΛΧ, cow stg. l., caduceus and monogram in front/Quadripartite incuse with granulated surface. Historia Numorum p. 512. Superb 250.00

KINGS OF THE CIMMERIAN BOSPORUS

H36. **Rhescuporis III**, 212-229 A.D., el. stater (7.64 g.), dated year 516. ΒΑCΙΛΕΩC PHCKOVΠΟΡΙΔΟC, diademed and draped bust of Rhescuporis r., holding sceptre/Laureate and draped bust of Elagabalus r., date ΣΙΦ below. BMC 6. VF+ 500.00

H37. **Sauromates III**, 229-232 A.D., el. stater (7.58 g.), dated year 527. ΒΑCΙΛΕΩC CAVPOMATOV, diademed and draped bust of Sauromates r., pellet in front/Laureate and draped bust of Severus Alexander r., two pellets in front, date ΖΚΦ below. BMC 2. VF 450.00

PAPHLAGONIA

H38. **Cromna**, 350-300 B.C., AR drachm (3.32 g.). Laureate head of Zeus l./ΚΡΩΜΝΑ, head of Hera l. wearing stephane, Ν in front. BMC 3. EF but pitted fabric and slightly off center 450.00

MYSIA

H39. **Pergamum**, 133-67 B.C., AR cistophoric tetradrachm (12.36 g.). Cista mystica within wreath of fruit/Two serpents entwined about bow-case, monograms around. BMC 113. Superb, weak obv. strike 250.00

LESBOS

H40. **Mytilene**, c. 380 B.C., el. hecte (2.55 g.). Head of nymph r., hair drawn up in knot at top of head/Head of Pan r. in shallow incuse square with linear border. BMC 83. VF, obv. slightly off center 600.00

IONIA

H41. **Phocaea**, 400-330 B.C., el. hecte (2.56 g.). Head of Io(?) l. wearing taenia, seal below/Quadripartite incuse. Boston 1918. VF+ 875.00

H42. ––, el. hecte (2.55 g.). Male head l. wearing taenia, seal below/Quadripartite incuse. Boston 1931. VF 600.00

CARIA

H43. **Cnidus**, 411-405 B.C., AR drachm (6.13 g.). Lion's head and paw r./Head of Aphrodite r. wearing sphendone, Α behind, all in incuse square. Cahn 93. About F 1250.00

H37 H38 H39 H40 El H41 El H42 El

H43 H44 H45 H46 H47 H48

H49 H50 H51 H52 H53 H54 Æ

H44. ––, AR drachm (6.13 g.). Similar to above and from same rev. die. Cahn 94. About F 1250.00

For academic interest, as it is so rare to encounter die matches in ancient coins, the two above coins are offered as a lot for 2000.00

ISLANDS OFF CARIA

H45. **Cos**, c. 190-166 B.C., AR drachm (3.10 g.). Head of bearded Herakles r. wearing lion skin headdress/ΚΩΙΟΝ, crab and club, in exergue magistrate's name (illegible). BMC 76 sq. F+ 500.00

H46. **Pseudo-Rhodes**, c. 150 B.C., AR drachm (2.63 g.). Facing head of Helios/Rose with one bud, ΕΡΜΙΑΣ above. Unpublished. FDC 300.00

LYDIA

H47. **Croesus**, 561-546 B.C., AR siglos (5.33 g.). Forepart of lion r. facing forepart of bull l./Two incuse squares. Babelon I 409, pl. x, 9. About F 800.00

PAMPHYLIA

H48. **Aspendus**, c. 400-300 B.C., AR double siglos (10.92 g.). Two wrestlers, ΔΑ between/ ΕΣΤΓΕΔΙΙΥ, slinging stg. r., triskeles in r. field, all within dotted square border. BMC 37. F+ 250.00

H49. **Side**, 190-36 B.C., AR tetradrachm (16.74 g.). Helmeted head of Athena r./Nike advancing l. holding wreath, under her extended arm a pomegranate, helmet and ΑΡ. BMC 23. VF+ 1250.00

CILICIA

H50. **Mallus**, 360-340 B.C., AR obol (0.66 g.). Facing bust of Athena/Draped bust of the Titan Cronos l. Babelon II 601 (Nagidus). Cf. SNG von Aulock 5714. Rare. EF 700.00

H51. ––, c. 385-325 B.C., AR obol (0.63 g.). The Great King running r. holding bow and javelin/As obv. De Morgan Vol. I, fig. 51. Nearly EF but rev. off center, dark tone 125.00

H52. **Tarsus(?)**, 378-374 B.C., AR obol (0.62 g.). Laureate head of Apollo l./Baaltars std. r. holding grape cluster. Babelon II 622. EF, off center 250.00

H53. ––, *Datames*, 378-372 B.C., AR double siglos (8.54 g.). Facing head of Arethusa turned slightly to l./Helmeted head of Ares r. BMC 28 sq. About EF 500.00

CYPRUS

H54. **Citium**, *Pumiathon*, 361-312 B.C., AV hemistater (3.99 g.). Herakles stg. r., brandishing club over head and holding lion skin over extended l. arm, ankh in r. field/Lion attacking stag to r. Babelon II 1231 sq., pl. cxxxi, 24. F+, multiple striking on rev. 1750.00

H55. ––, AR hemisiglos (3.51 g.). As above. VF 500.00

SELEUCID SYRIA

H56. **Antiochus Hierax**, c. 241-228/7 B.C., AR tetradrachm (16.32 g.). Lampsacus mint. Diademed head of Hierax r./ΒΑΣΙΛΕΩΣ ΑΝΤΙΟΧΟΥ, Apollo std. l. on omphalos holding bow and arrow, in exergue forepart of winged horse l. and monogram. Newell WSM pl. lxxi, 5 (same obv. die). Superb 3000.00

H57. **Demetrius I Soter**, 162-150 B.C., AR tetradrachm (16.49 g.). Ptolemais mint. Diademed head of Demetrius r., reel and pellet border/ ΒΑΣΙΛΕΩΣ ΔΗΜΗΤΡΙΟΥ, Tyche, holding cornucopiae, std. l. on throne supported by winged female monster, monogram in l. field. BMC 33. VF 300.00

H58. **Philip Philadelphus**, 92-83 B.C., AR tetradrachm (15.58 g.). Diademed head of Philip r., reel and pellet border/ΒΑΣΙΛΕΩΣ ΦΙΛΙΠΠΟΥ ΕΠΙΦΑΝΟΥΣ ΦΙΛΑΔΕΛΦΟΥ, Zeus std. l. holding sceptre and small female figure who crowns him, ΑΡ in inner l. field, crescent above, thunderbolt in exergue. BMC 5. EF 400.00

H59. **Barbaric imitation**, second to first century B.C., AR drachm (1.33 g.). Diademed head of king r./Blundered legend, cornucopiae. Dessewffy pl. xxxxii, 1019. Nearly EF, overstruck 150.00

ARMENIA

H60. **Tigranes**, 83-69 B.C., AE 27 mm. (5.71 g.). Bust of Tigranes r. in Armenian tiara/ ΒΑΣΙΛΕΩΣ ΤΙΓΡΑΝΟΥ, Tyche of Antioch std. r. on rock, wearing turreted crown and holding palm, River Orontes swimming at her feet (off flan in this specimen). BMC 9 variant. Nearly VF, green patina, rev. off center 300.00

PHOENICIA

H61. **Aradus**, 400-350 B.C., AR obol (0.75 g.). Laureate head of marine deity r./War galley on triple line of waves. BMC 45-53. EF 75.00

H62. **Sidon**, 400-384 B.C., fourree half shekel (5.99 g.). Turreted city wall, two lions below/ The Great King fighting a rampant lion which he holds by the mane, in shallow incuse square. BMC 9. F+/F 1000.00

H63. **Tyre**, c.332-275 B.C., AR didrachm (8.53 g.). Marine deity holding bow on hippocamp r./ Owl stg. r., crook and flail over shoulder. SNG Lockett 3229. BMC 39. About F 350.00

H64. ––, 126/5 B.C.-65/6 A.D., AR shekel (14.20 g.), struck 77/6 B.C. Laureate head of Melqart r./ΤΥΡΟΥ ΙΕΡΑΣ ΚΑΙ ΑΣΥΛΟΥ, eagle stg. l. with palm over shoulder, in l. field ΛΝ and club, in r. field Α. BMC 142. EF 900.00

H55 H56 H57 H58 H59

H60 AE H61 H62 H63 H64 H65 AV

H66 H67 AV H68 H69 H70 AE

ACHAEMENID PERSIA

H65. **Darius III Kodomannos**, 337-330 B.C., **AV** daric (8.31 g.). The Great King running r. holding bow and javelin/Irregular incuse. Boston 2205. F+ 1250.00

H66. Fourth century B.C., AR siglos (5.19 g.). As above only king holds dagger and bow. Sharp VF, numerous countermarks 125.00

PHARAONIC EGYPT

H67. **Nektanebo II**, 359-343 B.C., **AV** stater (8.30 g.). Hieroglyph *nub nefer* ("good gold")/ Free horse running r. Svoronos 9. Rare. Mint condition but weakly struck 7500.00

PTOLEMAIC EGYPT

H68. **Ptolemy I Soter**, *Interregnum* 311-305 B.C., AR tetradrachm (16.99 g.). Head of Alexander r. wearing diadem, horn of Ammon and elephant headdress/ΠΤΟΛΕΜΑΙΟΥ ΑΛΕΞΑΝΔΡΕΙΟΝ, Athena Promachos stg. r. brandishing spear and shield, in l. field ΔΙ and in r. eagle stg. r. Svoronos 32, pl. ii, 10. Very rare. EF, scratch on cheek 3250.00

H69. **Ptolemy II Philadelphus**, 285-246 B.C., AR tetradrachm (13.55 g.). Sidon mint. Diademed head of Ptolemy I r./ΠΤΟΛΕΜΑΙΟΥ ΒΑΣΙΛΕΩΣ, eagle stg. l. on thunderbolt, in l. field two monograms, one between legs and a fourth in r. field. Cf. Svoronos pl. xxii, 8. Found in Israel 150.00

H70. **Cleopatra VII**, 51-31 B.C., AE 28 mm. (19.64 g.). Draped bust of Cleopatra r./ ΚΛΕΟΠΑΤΡΑΣ ΒΑΣΙΛΙΣΣΗΣ, eagle stg. l., in l. field cornucopiae. Svoronos 1871, pl. lxiii, 3-6. About VG, reddish brown patina 300.00

FRACTIONAL ATHENIAN CURRENCY

A1. C. 594-520 B.C., AR "Wappenmuenzen" obol (0.50 g.). Wheel/Quadripartite incuse. Seltman pl. IV,v,ξ. VF, rare 300.00

A2. C. 594-520 B.C., AR "Wappenmuenzen" obol (0.62 g.). Gorgoneion/Quadripartite incuse. Svoronos I,67; Seltman pl. IV,υ. VF, rare 275.00

A3. C. 520-490 B.C., AR obol (0.57 g.). Head of Athena r. in crested Athenian helmet/Owl stg. l., head facing, olive sprig behind. BMC 33. F+, very rare 350.00

A4. C. 520-490 B.C., AR hemiobol (0.28 g.). Head of Athena r. in crested Athenian helmet/Owl stg. r. in incuse square. BMC 39. VG/F, rare 60.00

A5. After 449 B.C., AR obol (0.62 g.). Head of Athena r. wearing crested Athenian helmet ornamented with olive leaves and floral scroll/AΘE, owl stg. r., head facing, olive sprig and crescent moon behind, all in incuse square. BMC 96 sq. About VF 200.00

A6. After 449 B.C., AR obol (0.62 g.). As above. VF 125.00

A7. After 449 B.C., AR obol (0.69 g.). As above. VF, obverse off center 100.00

A8. After 449 B.C., AR hemiobol (0.31 g.). As above. BMC 112 sq. EF/VF 250.00

A9. After 449 B.C., AR hemiobol (0.32 g.). As above. BMC 112 sq. VF 175.00

A10. After 449 B.C., AR hemiobol (0.30 g.). As above. BMC 112 sq. F/VF+, obverse off center 100.00

A11. C. 430 B.C., AR obol (0.66 g.). As above. BMC 96 sq. About VF/VF 200.00

A12. C. 430-322 B.C., AR triobol (1.98 g.). Head of Athena r. in crested Athenian helmet/ AΘE (retrograde), owl stg. facing, olive sprigs on either side. BMC 162 ff. About VF, obverse off center 65.00

A13. C. 430-322 B.C., AR tritartemorion (0.48 g.). Head of Athena r. in crested Athenian helmet/AΘE enclosed by three crescents. BMC 183 ff., pl. V, 18 & 19. VF 160.00

A14. C. 430-322 B.C., AR tritartemorion (0.46 g.). As above. BMC 183 sq., pl. V, 18 & 19. VF 125.00

For photographs of above please see p. 40.

FLASH—We have just acquired several beautiful original copies of Albert Gallatin, *Syracusan Dekadrachms of the Euainetos Type* (Cambridge 1930). 53 pp., 12 pl. Rare and a most desirable addition to any numismatic library. Latest price at auction was over $200.00. Now. . . . $125.00

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B1. **Anastasius I**, 491-518, AR ½ siliqua (0.98 g.). Constantinople. Bust r., cross on chest/Victory advancing r. Goodacre 7. Not in D.O.C., Ratto or Morrisson. Extremely rare. VF 450.00

B2. ——, AE follis. Constantinople. Bust r./M flanked by two stars, cross above, officina E. D.O. 23i.3. Ratto 338. F, reverse pitting 20.00

B3. **Justin I Thrax**, 518-527, AE follis. Constantinople. Similar to above only cross instead of star in reverse r. field, officina A. D.O. 9a. BMC 29. Ratto 397. Nice VF 20.00

B4. **Justinian I the Great**, 527-565, AE follis. Constantinople. Facing bust holding globus cruciger and shield ornamented with horseman, cross in r. field/M flanked by ANNO and XXIIII, officina Γ. D.O. 48 var. Unpublished officina. EF 250.00

B5. ——, AE follis, struck 529-533. Antioch. Emperor enthroned facing holding sceptre and globus cruciger/M flanked by star and crescent, cross above, officina Γ. D.O. 206c.2. VF+, green patina 25.00

B6. **Justin II**, 656-578, AR siliqua. Constantinople. Bust r./Nimbate emperor standing facing holding sceptre and globus cruciger. D.O. 18.1 sq. F+, reverse double struck 200.00

B7. ——, AE ½ follis, struck 566. Antioch. Facing bust of emperor holding globus nicephorus and shield ornamented with horseman, cross in r. field/K flanked by ANNO and * I, officina ϛ. D.O. 145b. Ratto 772. Extremely rare. F/VF+, green patina. 100.00

B8. **Justin II and Sophia**, 565-578, AE follis, struck 570/1. Nicomedia. Justin and Sophia seated facing, holding globus cruciger and cross-sceptre respectively/M flanked by ANNO and ϛ, officina A. D.O. 96a.3. BMC 134. Ratto 849. Tolstoi 118. EF/VF, green patina with light corrosion . 15.00

B9. ——, AE decanummium, struck 572/3. Carthage. Facing busts of Justin and Sophia, small cross between/I flanked by N and M. D.O. 200.I. Morrisson xxiv, AE 23. Rare. VF, dark patina . . 50.00

B10. **Tiberius II Constantine**, 578-582, AE follis, struck 580/1. Constantinople. Facing bust of emperor holding mappa and sceptre tipped with eagle and cross/M flanked by ANNO and ϟ. D.O. 13a. Ratto 931. About VF/F. 10.00

B11. **Maurice Tiberius**, 582-602, AE follis, struck 589/90. Antioch. Similar to preceding but no cross on sceptre and date M over u. D.O. 159c. EF, brown patina 75.00

B12. **Phocas**, 602-610, AE follis, struck 605/6. Cyzicus. Similar but emperor holds cross-sceptre, cross in l. field/ANNO XXXXIIII, officina B. D.O. 72b. Ratto 1236. EF, dark patina silhouetted against lighter corrosion. . . . 75.00

B13. **Phocas and Leontia**, 602-610, AE follis, struck 604/5. Antioch. Phocas and Leontia standing facing, holding globus cruciger and cross-sceptre respectively, small cross between heads/M flanked by ANNO and III. D.O. 85. Ratto 1271. VF+ 50.00

B14. **Time of Phocas**, 602-610, AE dodecanummium. Alexandria. Crude bust r./I + B. D.O. 106. Either an irregular local issue, a Persian or Arab imitation, or else struck by Heraclius as usurper 608-610. F. 10.00

B15. **Heraclius**, 610-613, AE follis, struck 612/3. Cyzicus. Facing bust of emperor holding cross and shield/M flanked by ANNO and III, officina A. D.O. 169. Ratto 1311. BMC 258. Sharp VF+ 25.00

B16. **Heraclius and Heraclius Constantine**, 613-630, AR hexagram, struck 615-638. Constantinople. The two emperors seated facing, each holding globus cruciger/Cross potent on globe and three steps, K in r. field. D.O. 64. F+ 100.00

B17. ——, AE countermarked follis, struck 632-641. Sicily. C/m: Heraclius and Heraclius Constantine standing facing/C/m: Heraclius monogram and SCˢ, overstruck on earlier follis of same emperors. D.O. 243. BMC 398. VF+ 75.00

B18. **Heraclius, Heraclius Constantine and Martina**, 614-641, AE follis, struck 626/7. Cyprus. The three augusti standing facing, each holding long cross/M flanked by ANNO and XIII, officina Γ. D.O. 184a.I. Ratto 1481. Ex Lord Grantley Collection, lot 2724. Very rare. VG/F, green patina 75.00

B19. **Persian Occupation: Chosroes II**, 618-628, AE dodecanummium. Alexandria. Facing bust/I + B. D.O. 191. Ratto 1316f. VG 15.00

B20. **Heraclonas**, 641, AE follis. Constantinople. Facing bust/M flanked by ANA and III, officina Δ, in exergue NEOS. D.O. 5d. Rare. VG, overstruck 25.00

B21. **Constans II**, 641-668. AR hexagram, struck 641-647. Constantinople. Beardless bust facing, holding globus cruciger/Cross potent on globe and three steps. D.O. 48. BMC 78. EF/VG, reverse graffiti 300.00

B22. ——, AR hexagram, struck 647-651. Constantinople. Bearded bust facing, holding globus cruciger/Cross potent on globe and two steps. D.O. 50. BMC 79. Rare. VF+. 300.00

B23. ——, AE follis, struck 647/8. Constantinople. Beardless emperor standing facing holding long cross and globus cruciger/M flanked by ANA and NEOS, double exergual line. D.O. 66b.3. About VF, dark green patina 20.00

B24. ——, AE follis, struck 653/4. Constantinople. Similar to above but emperor bearded. D.O. 71a. About VF, small ragged flan 15.00

B25. ——, AE ½ follis, struck 647-659. Carthage. Facing bust holding sword and globus cruciger/Cross, star above, pellet, T and X in r. field. Not in D.O.C. BMC 321. Ratto 1573. About VF, brown patina 45.00

B26. **Justinian II**, first reign: 685-695, AE ½ follis, struck 694/5. Constantinople. Facing bust/K flanked by ANA and X. D.O. 25. Ratto 1695. Rare. VG 125.00

B27. **Leo III and Constantine V**, 720-741, AE follis, struck c. 725-732. Constantinople. Facing bust of Leo holding globus cruciger/M above which small facing bust of Constantine. D.O. 31. Ratto 1741. Rare. Fair, small flan 50.00

B28. ——, AE ½ follis, struck c. 725-732. Constantinople. Type as above only K replaces M on reverse. D.O. 34. Goodacre 14. Not in Ratto or BMC. Extremely rare. Fair 60.00

B29. **Constantine V and Leo IV**, 751-775, AE follis. Syracuse. Facing busts of Constantine V and Leo IV/Facing bust of Leo III. D.O. 19. VF . . . 50.00

B30. **Leo IV and Constantine VI**, 776-780, AR miliaresion. Constantinople. Cross potent on three steps/Legend in five lines: LEON SCONST ANTINEE CΘEUbA SILIS. D.O. 3.1. Ratto 1760. BMC 45. VF 75.00

B31. **Constantine VI and Irene**, 780-797, AR miliaresion. Constantinople. Cross potent on three steps/Legend in five lines: CONS tANTINO SSIRIMIE CΘEUbA SILIS. D.O. 4. Ratto 1776. Rare. VF, double struck 125.00

B32. ––, AE follis, struck c. 792-797. Constantinople. Facing bust of Irene holding globus cruciger and cross-sceptre/M flanked by X and N, above which facing bust of Constantine holding globus cruciger, small cross in r. field. D.O. 7. Ratto 1779. Very rare. VF but large obv. pit . . 75.00

B33. **Michael II**, 820-829, AE follis, struck 821. Constantinople. Facing bust of emperor holding globus cruciger and transverse cross-sceptre/M flanked by XXX and NNN, cross above, A below. D.O. 7. Ratto 1789 (Michael I). Scarce. VF, green patina 75.00

B34. **Michael II and Theophilus**, 820-829, AE follis, struck 821-829. Syracuse. Facing busts of the two emperors/M with cross above, Θ below. D.O. 21. Ratto 1815 var. VF, some corrosion . . 100.00

B35. **Theophilus**, 829-842, AE follis. Uncertain mint. Facing bust from waist up, holding labarum and globus cruciger/Legend in four lines: +ΘEO FILEAVg OVSTESV NICAS. D.O. 17. Ratto 1823. F, dark green patina 35.00

B36. ––, AE ½ follis, struck 830/1-842. Constantinople. Similar to above. D.O. 16a. Ratto 1826. Rare. F 50.00

B37. **Michael III, Theodora and Thecla**, 842-856, AR miliaresion. Constantinople. Cross potent on three steps/Legend in five lines: +MIXA HLΘE OδORA SΘECL·AECΘ bASILISRO MAION. D.O. 5. BMC 8. Very rare. VF+ but holed, edge chip 125.00

B38. **Michael III and Basil I**, 866-867, AE follis. Constantinople. Facing bust of Michael holding globe surmounted by Greek cross/Facing bust of Basil holding similar globe. D.O. 8. Ratto 1849. Very rare. F+ 200.00

B39. **Basil I and Constantine**, 867/8-879, AE follis, struck 868-870. Constantinople. The two emperors enthroned facing, together holding labarum/Legend in five lines: +bASILO SCON STAN tINOSENΘO bASILEISR OMAION. D.O. 9b. Ratto 1862. BMC 17 var. G 10.00

B40. **Basil I, Constantine and Leo IV**, 870-879, AE follis. Constantinople. Facing busts of the three emperors from the waist up/Legend in five lines: +bASIL CONSTAN SLEONEN ΘObASILS ROM EON. D.O. 11. Ratto 1864. BMC 21. VF/F, brown patina 25.00

B41. **Basil I**, sole reign: 879-886, AE follis. Constantinople. Emepror seated facing on wing-backed throne, holding labarum/Legend in four lines: +bASIL IOSENΘEO bASILEVS ROMEON. D.O. 12. Ratto 1851. BMC 8. F+ 30.00

B42. **Leo VI**, 886-912, AE follis. Constantinople. Similar to above with reverse legend +LEON ENΘEObA SILEVSR OMEON. D.O. 5. Ratto 1872. About VF, dark patina with light corrosion in background 150.00

B43. ––, AE follis. Constantinople. Facing bust of emperor holding mappa/As above. D.O. 8. Ratto 1873. VF, dark patina 75.00

B44. **Constantine VII and Zoe**, 914-919, AE follis. Constantinople. Facing busts of Constantine and Zoe from the waist up, together holding patriarchal cross/Legend in five lines: +CONS tANTINO CEZOHbA SILISRO MEON. D.O. 22. Ratto 1883. BMC 1. VG, brown patina 17.50

B45. **Romanus I, Constantine VII and Christopher**, 921-931, AR miliaresion. Constantinople. Cross potent on three steps, globe beneath/Legend in five lines: +ROMANO XPISTOFOR CECON STAN ENXωEVSE b'bASIL'R'. D.O. 18. Ratto 1894. EF 275.00

B46. **Romanus I, Constantine VII, Stephen and Constantine I Lecapenus**, 931-944, AR miliaresion. Constantinople. Cross potent on three steps with central medallion containing bust of Romanus, in l. field Rω, in r. field MA/Legend in five lines: +ROMANO CONSTANt STEFANOS CECONSTA ENXωb'R, with · + · at top and bottom. D.O. 20. Ratto 1895. BMC 42. About VF 150.00

B47. **Constantine VII**, 913-959, AE follis, struck 945-c. 950. Constantinople. Facing bust holding globus cruciger and mappa/Legend in four lines: +CONST ENΘEObA SILEVSR OMEON. D.O. 26. Ratto 1903. Rare. G 10.00

B48. **Constantine VII and Romanus II**, 945-959, AR miliaresion. Constantinople. Ornate cross with arms terminating in small crosses on three steps, globe beneath/Legend of five lines: +CONSt'T ΠORFVROg CEROMANO ENXωEVSEb b'Rω MEON. D.O. 21. VF+, obverse graffiti 150.00

B49. **Nicephorus II**, 963-969, AR miliaresion. Constantinople. Ornate cross with central medallion bearing bust of Nicephorus flanked by NI and CF/Legend of five lines: +NICHF ENXωAVTO CRATEVSEb bASILEVS RωMAIω. D.O. 6. Ratto 1913. BMC 6. VF+ 100.00

B50. ––, AE follis. Constantinople. Facing bust holding long cross and globe surmounted by trefoil/Legend of four lines: +NICHF ENΘEωbA SILEVSRω MAIωN. D.O. 7. Ratto 1915. BMC 9. G, overstruck 15.00

B51. **Anonymous Follis**, 976(?)-c. 1030/35, AE follis. Facing bust of Christ/Legend of four lines: +IhSUS KRISTUS bASILEU bASILE with – · A · – above and below. D.O. A2.16a. F+. . . 40.00

B52. ––, AE follis. Similar with different ornaments in arms of cross-nimbus and – C – above and below reverse legend. D.O. A2.43. Ratto 1962. BMC 37. F+ 15.00

B53. ––, AE follis. Similar with □ in arms of cross-nimbus and above and below reverse legend. D.O. A2.47. Ratto 1974. BMC 4-6. F 15.00

B54. ––, 1042(?)-c. 1050, AE follis.Facing bust of Christ from the waist up/Cross with pellet design, in quarters IC XC NI KA. D.O. Class C. Ratto 2001. BMC 11. VG 10.00

B55. ––, c. 1050-c. 1060, AE follis. Christ enthroned facing/Legend in three lines: ISXS bASILE bASIL, – + – above, – crescent – below. D.O. Class D. Ratto 2015. G. 15.00

B56. ––, c. 1065-c. 1070, AE follis. Facing bust of Christ/Facing bust of Virgin Orans from the waist up. D.O. Class G. Ratto 1991. F+, dark patina 12.00

B57. **Constantine X and Eudocia**, 1059-1067, AE follis. Constantinople. Constantine and Eudocia standing facing, holding between them labarum with cross-bar resting on two steps/Nimbate Christ standing facing. D.O. 8. Ratto 2021. VG, green patina 15.00

B4

B7

B11

B12

B17

B1
AR

B6
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B16
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B18

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B22
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B30
AR

B58. **Constantine X**, 1059-1067, AE follis. Constantinople. Facing bust of emperor holding long cross and mappa/Nimbate bust of Christ facing. D.O. 9.1. Ratto 2018. BMC 32-37. Rare. VG . . 20.00

B59. **Romanus IV**, 1067-1071, AE follis. Constantinople. Facing bust of Christ without nimbus/Cross with C R P Δ in quarters. D.O. 8. Ratto 2030. Rare. Fair 5.00

B60. **Michael VII**, 1071-1078, AE follis. Constantinople. Facing bust of emperor holding labarum and globus cruciger/Facing bust of Christ. D.O. 14b. Ratto 2042. G 25.00

B61. **Nicephorus III**, 1078-1081, AE follis. Constantinople. Nimbate Christ seated facing, flanked by two stars/Ornate cross with central star, in the angles C Φ N Δ. D.O. 9. Ratto 2053. Fair. 10.00

B62. **Alexius I Comnenus**, 1081-1118, billon aspron trachy, third coinage: 1092-1118. Facing bust of emperor from waist up, holding cross-sceptre and globus cruciger/Nimbate Christ enthroned facing. Hendy pl. 7, 2-4. Ratto 2066. BMC 20-21. Rare. Fair 17.50

B63. ––, AE tetarteron, third coinage: 1092-1118. Thessalonica. Facing bust of emperor from waist up, holding sceptre and globus cruciger/Greek cross on one step, flanked by K and Φ. Hendy pl. 8, 13-15. Ratto 2087. Rare. VF, brown patina 25.00

B64. **John II Comnenus**, 1118-1143, billon aspron trachy. Constantinople. Facing bust of emperor holding cross-sceptre and globus cruciger/Nimbate bust of Christ facing. Hendy pl. 10, 9-10. BMC 53-56. Not in Ratto. G 20.00

B65. ––, AE tetarteron. Constantinople. Emperor standing facing, holding cross-sceptre and globus cruciger/Christ standing facing. Hendy pl. 11, 5-7. BMC 63. VG/Fair. 15.00

B66. **Manuel I Comnenus**, 1143-1180, billon aspron trachy. Constantinople. Emperor standing facing, holding labarum and globe surmounted by Greek cross/Nimbate Christ enthroned facing. Hendy pl. 15, 7-9. Ratto 2138. Scarce. F, obverse die break. 35.00

B67. ––, billon aspron trachy. Constantinople. Emperor standing facing, holding labarum and globus cruciger and being crowned by Virgin/Nimbate Christ seated facing. Hendy pl. 16, 1-9. Ratto 2127. EF. 30.00

B68. ––, AE tetarteron, heavy standard. Thessalonica. Nimbate bust of St. George facing, holding spear and shield/Facing bust of emperor holding labarum and globus cruciger. Hendy pl. 17, 13-14. F+/VG. 20.00

B69. **Isaac II Angelus**, 1185-1195, billon aspron trachy. Constantinople. Emperor standing facing, holding cross-sceptre and mappa/Nimbate Virgin entrhoned facing. Hendy pl. 20, 12-13. Ratto 2185. EF/VF. 50.00

B70. **Alexius III Angelus**, 1195-1203, billon aspron trachy. Constantinople. Emperor and St. Constantine standing facing holding labarum between them, emperor holding smaller labarum in r. hand/Facing bust of young, beardless Christ. Hendy pl. 22, 8-12. Ratto 2212. EF/VG 30.00

THE DISMEMBERMENT OF THE EMPIRE

B71. **The Latin Emperors of Constantinople**, 1204-1261, billon aspron trachy. Emperor standing facing, holding labarum and mappa/Virgin enthroned facing. Hendy pl. 25, 6-10. BMC 58 (Manuel I). Extremely rare. F/G. 80.00

B72. ––, AE trachy, small module. Emperor standing facing holding cross-sceptre/Virgin seated facing. Hendy pl. 29, 14-15. Extremelyrare. VG/Fair, green patina 80.00

B73. ––, AE trachy, small module. Emperor standing facing, holding labarum and mappa/Facing bust of Virgin. Hendy pl. 29, 1-3. Ratto 2077 (Alexius I). Extremely rare. Fair/Poor 30.00

B74. **Nicaea**, *Theodore I Lascaris*, 1204-1222, billon trachy. Emperor and St. Theodore standing facing, holding patriarchal cross between them, emperor holding small labarum in r. hand/Nimbate Virgin enthroned facing. Hendy pl. 30, 8. Not in Ratto. Rare. EF/VF 55.00

B75. ––, billon trachy. Emperor standing facing, holding cross-sceptre and mappa/Nimbate Christ enthroned facing. Hendy pl. 31, 5. Not in Ratto. VF+/Poor 20.00

THE RESTORED EMPIRE

B76. **Michael VIII**, 1261-1282, billon trachy. Constantinople. Emperor and St. Michael the Archangel standing facing/Virgin enthroned facing. BMC 9. Not in Ratto. Rare. VG/Poor, dark green patina. 25.00

B77. **Michael VIII and Andronicus II**, 1273-1282, cast AE trachy. Cherson. The two emperors standing facing, holding three cross-sceptres/Facing bust of Virgin Orans. Ratto 2222 (this specimen). Not in BMC. Extremely rare. F 300.00

B78. **Andronicus II and Andronicus III**, 1325-1328, AR asper. The two emperors standing facing, holding labarum between them/Nimbate Christ enthroned facing, raising r. hand in blessing. Ratto 2237. Rare. VF 175.00

B79. **Manuel II Palaeologus**, 1391-1423, AR ½ asper. Facing bust of emperor/Nimbate bust of Christ facing. Cf. Ratto 2260 sq. Rare. VG, small flan . 100.00

BYZANTINE SEAL

B80. **Bishop Stylien**, eleventh century, lead seal (9.87 g.). St. John Prodromus standing facing, flower in l. field/Inscription. Laurent 325. F. . . 35.00

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